

Abstract

A heat shrinkable, biaxially oriented film of layers of thermoplastic polymers of different natures, wherein at least two layers are polyamide. The film is perfectly transparent after shrinkage and has high mechanical characteristics and barrier properties to gases. The material that constitutes one of the outer layers melts at a lower temperature than the materials that constitute the other layers. It also includes three layers of polymers having a Young's modulus substantially higher than that of the polymers which constitute the other layers and one of the three layers with a higher Young's modulus is on the outside of the film, whereas the other two layers with a higher Young's modulus are on the inside of the film. Moreover, each of the three layers with a higher Young's modulus is separated from the other layers with a higher Young's modulus by at least one layer with a lower Young's modulus.